

Notice of Allowability

Application No.

10/077,315

Examiner

Eric Woods

Applicant(s)

BATORI ET AL.

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 4/6/2006.
2. ☒ The allowed claim(s) is/are 12, 14, and 15.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James Hwa (42,680) on 8/3/2006 and 8/4/2006.

In the claims,

- A. Delete claims 1-11, 13, and 16-41.
- B. Replace claim 12 with the following:
 - 12. An information processing apparatus for displaying characters of dimension of a 3D object with a first frame and a second frame comprising:

Plane setting means for setting a plane intersecting a 3D space, wherein the plane is indicated by the first frame surrounding the 3D object, and characters of dimensions of the 3D object are placed on the plane, wherein the characters of dimensions of the 3D object are associated with the first frame;

Frame setting means for setting the second frame on the set plane so as to indicate the existence of the characters of the dimensions of a small part of the 3D object, wherein characters of the dimensions of a small part of the 3D object associated with the second frame are smaller than the characters associated with the first frame; and

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Display means for displaying the 3D object with the set plane, the first frame, the set second frame, and the characters of the dimension of a small part on the set plane in the same 3D space.

C. Replace claim 14 with the following:

14. An information processing method of an information processing apparatus for displaying characters of a dimensions of a 3D object with a first frame and a second frame com, comprising steps of:

Setting a plane intersecting a 3D space, wherein the plane is indicated by the first frame surrounding the 3D object, and characters of dimensions of the 3D object are placed on the plane, wherein the characters of dimensions of the 3D object are associated with the first frame;

Setting the second frame on the set plane so as to indicate the existence of the characters of the dimensions of a small part of the 3D object, wherein characters of the dimensions of a small part associated with the second frame are smaller than the characters associated with the first frame; and

Displaying the 3D object with the set plane, the first frame, the set second frame, and the characters of the dimension of a small part on the set plane in the same 3D space.

D. Replace claim 15 with the following:

15. A computer executable program product with a computer program tangibly embodied on a computer readable storage device, comprising:

Plane setting means for setting a plane that intersects a 3D space, wherein the plane is indicated by the first frame surrounding the 3D object, and

characters of dimensions of the 3D object are placed on the plane, wherein the characters of dimensions of the 3D object are associated with the first frame;

Frame setting means for setting the second frame on the set plane so as to indicate the existence of the characters of the dimensions of a small part of the 3D object, wherein characters of the dimensions of a small part of the 3D object associated with the second frame are smaller than the characters associated with the first frame; and

Display means for displaying the 3D object with the set plane, the first frame, the set second frame, and the characters of the dimension of a small part on the set plane in the same 3D space.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The prior does not show or illustrate the concept of a frame surrounding a set plane in a system as shown. Examiner has found some drawings that illustrate a dashed border **on a conceptual drawing**, but especially not in the case where the actual dimensions are shown on that plane – in the exemplary case, the dashed borders merely demarcated a plane in the 3D object, and certainly was not configured as shown in Figures 64 and 66 of the present invention. As such, the current invention is non-obvious over the prior art. Examiner is allowing the case with the understanding that the claims are limited to the exemplary species as pointed out by applicant's representative and the definitions of such terms as discussed therein.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Woods whose telephone number is 571-272-7775. The examiner can normally be reached on M-F 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached on 571-272-7782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


ULKA CHAUHAN
SUPERVISORY PATENT EXAMINER